

ABSTRACT OF THE DISCLOSURE

A terminal device, includes: a device driver section for controlling an interface section that is connected to a network; a protocol stack section that is connected to the network via the device driver section based on a communication protocol at higher than or equal to layer3 of OSI; and a middleware section that is interposed between the protocol stack section and the device driver section. If a send request for a frame to be sent is issued from the protocol stack section, the middleware section determines a priority of the send request based on header information at layer2 to layer4 of OSI within the send frame, and outputs the send request to the device driver section according to the priority determined. Also, if a receive request for a frame to be received is issued from the device driver section, the middleware section determines a priority of the receive request based on header information at layer2 to layer4 of OSI within the receive frame, and outputs the receive request to the protocol stack section according to the priority determined.